

ABSTRACT OF THE DISCLOSURE

There is provided a signaling apparatus adapted for mounting on the windshield, rear window, or other window of an emergency vehicle. The signaling apparatus uses an array of light-generating elements such as LEDs, organic LEDs (OLEDs), electroluminescent displays, LCD displays, incandescent bulbs to create displays having selectable patterns, variable rate flashing, changeable colors, textual or graphic messages, strobe lights, and virtually any other imaginable type of display. The signaling apparatus may be permanently affixed to the window or, alternatively, may be removably attached. In still other embodiments, the signaling apparatus may be hinged and either manually or automatically moved into place for use. Cooling channels or a cooling plenum may be provided to allow high power (e.g., high intensity) operation. Optionally, the signaling apparatus may selectively be made opaque using existing electrochromic processes to provide a contrasting background to the display as well as privacy within the vehicle upon which the signaling apparatus is mounted.